

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/018, 112 A  
Source: PCT  
Date Processed by STIC: 06/15/2005

# ***ENTERED***



PCT

## RAW SEQUENCE LISTING

DATE: 06/15/2005

PATENT APPLICATION: US/10/018,112A

TIME: 15:46:51

Input Set : A:\-52-1.app

Output Set: N:\CRF4\06152005\J018112A.raw

4 <110> APPLICANT: Petersdorf, Effie W.  
 5 Guo, Zhen  
 6 Hansen, John A.  
 7 Hood, Leroy  
 8 Fred Hutchinson Cancer Research Center  
 9 University of Washington  
 11 <120> TITLE OF INVENTION: Oligonucleotide Arrays for High  
 12 Resolution HLA Typing  
 14 <130> FILE REFERENCE: 14538A-005210US  
 16 <140> CURRENT APPLICATION NUMBER: US 10/018,112A  
 C--> 17 <141> **CURRENT FILING DATE: 2001-12-14**  
 19 <150> PRIOR APPLICATION NUMBER: US 60/139,843  
 20 <151> PRIOR FILING DATE: 1999-06-17  
 22 <150> PRIOR APPLICATION NUMBER: WO PCT/US00/16722  
 23 <151> PRIOR FILING DATE: 2000-06-16  
 25 <160> NUMBER OF SEQ ID NOS: 141  
 27 <170> SOFTWARE: FastSEQ for Windows Version 3.0  
 29 <210> SEQ ID NO: 1  
 30 <211> LENGTH: 20  
 31 <212> TYPE: DNA  
 32 <213> ORGANISM: Artificial Sequence  
 34 <220> FEATURE:  
 35 <223> OTHER INFORMATION: HLA-B PCR probe A1, exon 2, location 5-24  
 37 <400> SEQUENCE: 1  
 38 tcacaccctc cagagcatgt 20  
 40 <210> SEQ ID NO: 2  
 41 <211> LENGTH: 20  
 42 <212> TYPE: DNA  
 43 <213> ORGANISM: Artificial Sequence  
 45 <220> FEATURE:  
 46 <223> OTHER INFORMATION: HLA-B PCR probe A2, exon 2, location 5-24  
 48 <400> SEQUENCE: 2  
 49 tcacatcatc cagaggatgt 20  
 51 <210> SEQ ID NO: 3  
 52 <211> LENGTH: 20  
 53 <212> TYPE: DNA  
 54 <213> ORGANISM: Artificial Sequence  
 56 <220> FEATURE:  
 57 <223> OTHER INFORMATION: HLA-B PCR probe A3, exon 2, location 5-24  
 59 <400> SEQUENCE: 3  
 60 tcacacttgg cagacgatgt 20  
 62 <210> SEQ ID NO: 4  
 63 <211> LENGTH: 20

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64 <212> TYPE: DNA
65 <213> ORGANISM: Artificial Sequence
67 <220> FEATURE:
68 <223> OTHER INFORMATION: HLA-B PCR probe A4, exon 2, location 5-24
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75 <212> TYPE: DNA
76 <213> ORGANISM: Artificial Sequence
78 <220> FEATURE:
79 <223> OTHER INFORMATION: HLA-B PCR probe A5, exon 2, location 5-24
81 <400> SEQUENCE: 5
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84 <210> SEQ ID NO: 6
85 <211> LENGTH: 20
86 <212> TYPE: DNA
87 <213> ORGANISM: Artificial Sequence
89 <220> FEATURE:
90 <223> OTHER INFORMATION: HLA-B PCR probe A6, exon 2, location 5-24
92 <400> SEQUENCE: 6
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96 <211> LENGTH: 20
97 <212> TYPE: DNA
98 <213> ORGANISM: Artificial Sequence
100 <220> FEATURE:
101 <223> OTHER INFORMATION: HLA-B PCR probe A7, exon 2, location 5-24
103 <400> SEQUENCE: 7
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106 <210> SEQ ID NO: 8
107 <211> LENGTH: 20
108 <212> TYPE: DNA
109 <213> ORGANISM: Artificial Sequence
111 <220> FEATURE:
112 <223> OTHER INFORMATION: HLA-B PCR probe A8, exon 2, location 5-24
114 <400> SEQUENCE: 8
115  tcacatcatc cagagcatgt                                20
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119 <212> TYPE: DNA
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123 <223> OTHER INFORMATION: HLA-B PCR probe A9, exon 2, location 5-24
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128 <210> SEQ ID NO: 10
129 <211> LENGTH: 20
130 <212> TYPE: DNA

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131 <213> ORGANISM: Artificial Sequence
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134 <223> OTHER INFORMATION: HLA-B PCR probe A10, exon 2, location 5-24
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142 <213> ORGANISM: Artificial Sequence
144 <220> FEATURE:
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153 <213> ORGANISM: Artificial Sequence
155 <220> FEATURE:
156 <223> OTHER INFORMATION: HLA-B PCR probe B1, exon 2, location 21-40
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163 <212> TYPE: DNA
164 <213> ORGANISM: Artificial Sequence
166 <220> FEATURE:
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169 <400> SEQUENCE: 13
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177 <220> FEATURE:
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186 <213> ORGANISM: Artificial Sequence
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195 <211> LENGTH: 20
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197 <213> ORGANISM: Artificial Sequence

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199 <220> FEATURE:
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206 <211> LENGTH: 20
207 <212> TYPE: DNA
208 <213> ORGANISM: Artificial Sequence
210 <220> FEATURE:
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214   atgtacggct gcgacctggg                                20
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217 <211> LENGTH: 20
218 <212> TYPE: DNA
219 <213> ORGANISM: Artificial Sequence
221 <220> FEATURE:
222 <223> OTHER INFORMATION: HLA-B PCR probe B7, exon 2, location 21-40
224 <400> SEQUENCE: 18
225   atgtttggct gcgacctggg                                20
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228 <211> LENGTH: 20
229 <212> TYPE: DNA
230 <213> ORGANISM: Artificial Sequence
232 <220> FEATURE:
233 <223> OTHER INFORMATION: HLA-B PCR probe B8, exon 2, location 21-40
235 <400> SEQUENCE: 19
236   atgtatggct gcgacatggg                                20
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239 <211> LENGTH: 20
240 <212> TYPE: DNA
241 <213> ORGANISM: Artificial Sequence
243 <220> FEATURE:
244 <223> OTHER INFORMATION: HLA-B PCR probe B9, exon 2, location 21-40
246 <400> SEQUENCE: 20
247   atgtatggct gcgacgtggg                                20
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250 <211> LENGTH: 20
251 <212> TYPE: DNA
252 <213> ORGANISM: Artificial Sequence
254 <220> FEATURE:
255 <223> OTHER INFORMATION: HLA-B PCR probe C1, exon 2, location 41-60
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260 <210> SEQ ID NO: 22
261 <211> LENGTH: 20
262 <212> TYPE: DNA
263 <213> ORGANISM: Artificial Sequence
265 <220> FEATURE:

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266 <223> OTHER INFORMATION: HLA-B PCR probe C2, exon 2, location 41-60
268 <400> SEQUENCE: 22
269   gcccgacggg cgcttcctcc                                20
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272 <211> LENGTH: 20
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274 <213> ORGANISM: Artificial Sequence
276 <220> FEATURE:
277 <223> OTHER INFORMATION: HLA-B PCR probe C3, exon 2, location 41-60
279 <400> SEQUENCE: 23
280   gccggacggg cgcctcctcc                                20
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285 <213> ORGANISM: Artificial Sequence
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290 <400> SEQUENCE: 24
291   gcgggcatga ccagtacgcc                                20
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294 <211> LENGTH: 20
295 <212> TYPE: DNA
296 <213> ORGANISM: Artificial Sequence
298 <220> FEATURE:
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301 <400> SEQUENCE: 25
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306 <212> TYPE: DNA
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312 <400> SEQUENCE: 26
313   gcgggcataa ccagttagcc                                20
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318 <213> ORGANISM: Artificial Sequence
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327 <211> LENGTH: 20
328 <212> TYPE: DNA
329 <213> ORGANISM: Artificial Sequence
331 <220> FEATURE:
332 <223> OTHER INFORMATION: HLA-B PCR probe D5, exon 2, location 61-80

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**VERIFICATION SUMMARY**

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Input Set : A:\-52-1.app

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L:17 M:271 C: Current Filing Date differs, Replaced Current Filing Date